

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2005/000990

A CLASSIFICATION OF SUBJECT MATTER
IPC(7): B61K 3/02, B61K 3/00, B61L 25/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(7) & ECLA: B61K 3/02, B61K 3/00, B61L 25/02 CPC 184/3, 4, 8, 9; 346/14, 52; 33/183
USC: 184/3.1, 3.2, 104/279

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Canadian Patent Database, WEST, and ESP@CENET

Keywords: lubricant, remote*, "global positioning system" or GPS, rail

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	CA 2003523 A (KUMAR et al.) 21 May 1990 (21-05-1990) *Whole document*	1-9, 11-13, 15-21 & 24-26 10, 14, 22 & 23
Y	US 20030111295 A1 (KUMAR et al.) 19 June 2003 (19-06-2003) *Abstract and page 3, column 2, lines 7-13*	10 & 14
X Y	EP 918677 B1 (REBS) 2 June 1999 (02-06-1999) *Whole document*	25 & 26 22 & 23

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents	"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"V" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

17 August 2005 (17-08-2005)

Date of mailing of the international search report

22 September 2005 (22-09-2005)

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INTERNATIONAL SEARCH REPORT

information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
CA2003523	21-05-1990	CA2003523 A1 US4930600 A	21-05-1990 05-06-1990
US2003111295	19-06-2003	US6854563 B2 US2005145438 A1	15-02-2005 07-07-2005
EP918677	02-06-1999	AT188424T AU4119197 A DE19632958 C1 EP0918677 A1 WO9807608 A1	15-01-2000 06-03-1998 29-01-1998 02-06-1999 26-02-1998